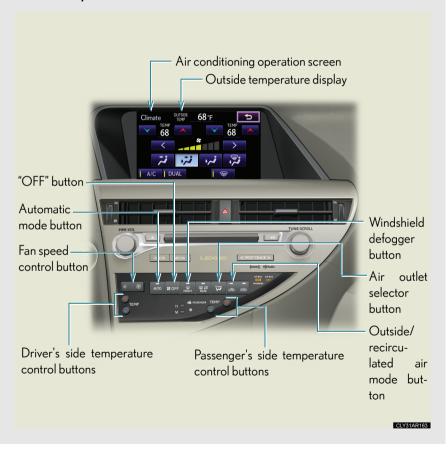
Automatic air conditioning system (with the Lexus Display Audio system)

Air outlets and fan speed are automatically adjusted according to the temperature setting.
To display the air conditioning operation screen, press the “MENU” button on the Lexus Display Audio controller and then select “Climate”.

Control panel

Automatic air conditioning system control screen

1. Adjusting driver's side temperature setting
2. Adjusting passenger's side temperature setting
3. Adjusting the fan speed
4. Selecting air outlet mode
5. Cooling and dehumidification function on/off
6. Dual mode on/off
7. Windshield wiper de-icer on/off

Using the automatic air conditioning system

STEP 1 Press AUTO.

The air conditioning system begins to operate. Air outlets and fan speed are automatically adjusted according to the temperature setting.

STEP 2 Press or select of the "TEMP" to increase the temperature and or to decrease the temperature.

When DUAL is selected (the indicator on DUAL is on) or the passenger's side temperature control button is pressed, the temperature for the driver and passenger seats can be adjusted separately.

Adjusting the settings manually

Basic setting

STEP 1 To turn on the air conditioning system and adjust the fan speed, press [fan] on [fan fan] to increase the fan speed and [fan] to decrease the fan speed or select ">" of [fan bar] to increase the fan speed and "<" to decrease the fan speed.

Press [OFF] to turn the fan off.

STEP 2 To adjust the temperature setting, press [up] or select [up] of the "TEMP" to increase the temperature and [down] or [down] to decrease the temperature.

When [DUAL] is selected (the indicator on [DUAL] is on) or the passenger's side temperature control button is pressed, the temperature for the driver and passenger seats can be adjusted separately.

STEP 3

To change the air outlets, press [outlet] or select an air outlet switch on the operation screen.

The air outlets used are switched each time [outlet] is pressed. The air flow shown on the display indicates the following:

Air flows to the upper body.

Air flows to the upper body and feet.

Air flows to the feet.

Air flows to the feet and the windshield defogger operates.

■ Switching between outside air and recirculated air modes

Press .

The mode switches between (recirculated air mode) and (outside air mode) modes each time the button is pressed.

Defogging the windshield

Defogging

The air conditioning system operates automatically.

Recirculated air mode will automatically switch to outside air mode. It is not possible to return to recirculated air mode when the switch is on.

Adjusting the position of and opening and closing the air outlets

▶ Front center outlets

1 Direct air flow to the left or right, up or down.

2 Turn the knob to open or close the vent.

▶ Front side outlets

1 Direct air flow to the left or right, up or down.

2 Turn the knob to open or close the vent.

▶ Rear outlets

1 Direct air flow to the left or right, up or down.

2 Turn the knob to open or close the vent.

■ Operation of the air conditioning system in Eco drive mode (RX450h)

In Eco drive mode, the air conditioning system is controlled as follows to prioritize fuel efficiency:

- Engine speed and compressor operation controlled to restrict heating/cooling capacity
- Fan speed restricted when automatic mode is selected

To improve air conditioning performance, perform the following operations:

- Adjust the fan speed
- Turn off Eco drive mode

■ Customization

The air conditioning control of Eco drive mode can be changed to the same setting as that used in normal drive mode.
(Customizable features →P. 980)

■ Air conditioning system settings

- RX350: When the “ENGINE START STOP” switch is turned on, the air conditioning system settings will be set to those that were in use the last time the “ENGINE START STOP” switch was turned off.
- RX450h: When the “POWER” switch is turned on, the air conditioning system settings will be set to those that were in use the last time the “POWER” switch was turned off.
- Air conditioning system settings are memorized individually on each electronic key, so the settings reproduced will be specific to the key that is used.
- This feature is customizable at your Lexus dealer.

■ Using automatic mode

Fan speed is adjusted automatically according to the temperature setting and ambient conditions. As a result, the following may occur:

Immediately after the button is pressed, the fan may stop for a while until warm or cool air is ready to flow.

■ Using the system in recirculated air mode

The windows will fog up more easily if recirculated air mode is used for an extended period.

Switching between outside air and recirculated air modes

Recirculated air mode or outside air mode may be automatically switched to in accordance with the temperature setting and the inside temperature.

When the outside temperature exceeds 75°F (24°C) and the air conditioning system is on

- In order to reduce the air conditioning power consumption, the air conditioning system may switch to recirculated air mode automatically. This may also reduce fuel consumption.
- RX350: Recirculated air mode is selected as a default mode when the "ENGINE START STOP" switch is turned to IGNITION ON mode.
- RX450h: Recirculated air mode is selected as a default mode when the "POWER" switch is turned to ON mode.
- It is possible to switch to outside air mode at any time by pressing .

Window defogger feature

Recirculated air mode may automatically switch to outside air mode in situations where the windows need to be defogged.

When outside air temperature is below 32°F (0°C)

The cooling and dehumidification function may not operate even when A/C is on.

Air conditioning odors

- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.
- To reduce potential odors from occurring:
  - It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.
  - The start timing of the blower may be delayed for a short period of time immediately after the air conditioning system is started in automatic mode.

CAUTION

To prevent the windshield from fogging up

Do not use during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

NOTICE

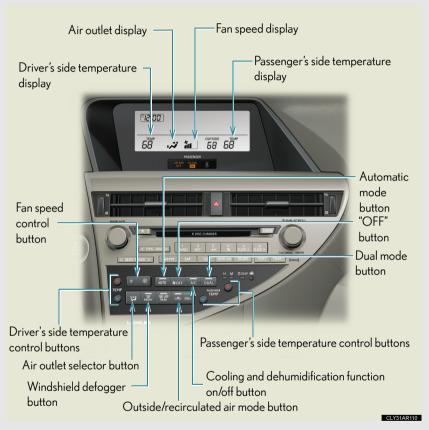
To prevent 12-volt battery discharge

▶ RX350

Do not leave the air conditioning system on longer than necessary when the engine is off.

▶ RX450h

Do not leave the air conditioning system on longer than necessary when the hybrid system is off.

Automatic air conditioning system (without a navigation system or the Lexus Display Audio system)

Air outlets and fan speed are automatically adjusted according to the temperature setting.

Using the automatic air conditioning system

STEP 1 Press AUTO .

The air conditioning system begins to operate. Air outlets and fan speed are automatically adjusted according to the temperature setting.

STEP 2 Press on TEMP to increase the temperature and to decrease the temperature.

When DUAL is pressed (the indicator on DUAL is on) or the passenger's side temperature control button is pressed, the temperature for the driver and passenger seats can be adjusted separately.

Adjusting the settings manually

■ Basic setting

STEP 1 To turn on the air conditioning system and adjust the fan speed, press [fan button] on [fan buttons] to increase the fan speed and [fan button] to decrease the fan speed.

To turn the fan off, press [OFF].

STEP 2 To adjust the temperature setting, press [up] on [TEMP] to increase the temperature and [down] to decrease the temperature.

When [DUAL] is pressed (the indicator on [DUAL] is on) or the passenger's side temperature control button is pressed, the temperature for the driver and passenger seats can be adjusted separately.

STEP 3 To change the air outlets, press [mode button].

The air outlets used are switched each time the button is pressed. The air flow shown on the display indicates the following:

Air flows to the upper body.

Air flows to the upper body and feet.

Air flows to the feet.

Air flows to the feet and the windshield defogger operates.

■ Switching between outside air and recirculated air modes

Press   .

The mode switches between (recirculated air mode) and (outside air mode) modes each time the button is pressed.

Defogging the windshield

Defogging

The air conditioning system operates automatically.

Recirculated air mode will automatically switch to outside air mode. It is not possible to return to recirculated air mode when the switch is on.

Adjusting the position of and opening and closing the air outlets

▶ Front center outlets

1 Direct air flow to the left or right, up or down.

2 Turn the knob to open or close the vent.

▶ Front side outlets

1 Direct air flow to the left or right, up or down.

2 Turn the knob to open or close the vent.

▶ Rear outlets

1 Direct air flow to the left or right, up or down.

2 Turn the knob to open or close the vent.

■ **Operation of the air conditioning system in Eco drive mode (RX450h)**

In Eco drive mode, the air conditioning system is controlled as follows to prioritize fuel efficiency:

- Engine speed and compressor operation controlled to restrict heating/cooling capacity
- Fan speed restricted when automatic mode is selected

To improve air conditioning performance, perform the following operations:

- Adjust the fan speed
- Turn off Eco drive mode

■ **Customization**

The air conditioning control of Eco drive mode can be changed to the same setting as that used in normal drive mode.
(Customizable features →P. 980)

■ **Air conditioning system settings**

● RX350: When the “ENGINE START STOP” switch is turned on, the air conditioning system settings will be set to those that were in use the last time the “ENGINE START STOP” switch was turned off.

● RX450h: When the “POWER” switch is turned on, the air conditioning system settings will be set to those that were in use the last time the “POWER” switch was turned off.

● Air conditioning system settings are memorized individually on each electronic key, so the settings reproduced will be specific to the key that is used.

● This feature is customizable at your Lexus dealer.

■ **Using automatic mode**

Fan speed is adjusted automatically according to the temperature setting and ambient conditions. As a result, the following may occur:

Immediately after the button is pressed, the fan may stop for a while until warm or cool air is ready to flow.

■ **Using the system in recirculated air mode**

The windows will fog up more easily if recirculated air mode is used for an extended period.

■ **Switching between outside air and recirculated air modes**

Recirculated air mode or outside air mode may be automatically switched to in accordance with the temperature setting and the inside temperature.

■ **When the outside temperature exceeds 75°F (24°C) and the air conditioning system is on**

● In order to reduce the air conditioning power consumption, the air conditioning system may switch to recirculated air mode automatically. This may also reduce fuel consumption.

● RX350: Recirculated air mode is selected as a default mode when the “ENGINE START STOP” switch is turned to IGNITION ON mode.

● RX450h: Recirculated air mode is selected as a default mode when the “POWER” switch is turned to ON mode.

● It is possible to switch to outside air mode at any time by pressing .

■ Window defogger feature

Recirculated air mode may automatically switch to outside air mode in situations where the windows need to be defogged.

■ When outside air temperature is below 32°F (0°C)

The cooling and dehumidification function may not operate even when is pressed.

■ When the indicator light on A/C goes off

Press A/C to turn on the cooling and dehumidification function again. There may be a problem in the air conditioning system if the indicator light goes off again shortly after the button is pressed. Have it inspected by your Lexus dealer.

■ Air conditioning odors

- During use, various odors from inside and outside the vehicle may enter into and accumulate in the air conditioning system. This may then cause odor to be emitted from the vents.
- To reduce potential odors from occurring:
  - It is recommended that the air conditioning system be set to outside air mode prior to turning the vehicle off.
  - The start timing of the blower may be delayed for a short period of time immediately after the air conditioning system is started in automatic mode.

CAUTION

■ **To prevent the windshield from fogging up**

Do not use during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

NOTICE

■ **To prevent 12-volt battery discharge**

▶ RX350

Do not leave the air conditioning system on longer than necessary when the engine is off.

▶ RX450h

Do not leave the air conditioning system on longer than necessary when the hybrid system is off.

Rear window defogger switch

Defoggers are used to defog the rear window, and to remove raindrops, dew and frost from the outside rear view mirrors.

▶ Vehicles with a navigation system

Owners of models equipped with a navigation system should refer to the “Navigation System Owner’s Manual”.

▶ Vehicles with the Lexus Display Audio system

Turns the rear window and outside rear view mirror defoggers on/off

The defoggers will automatically turn off after 15 to 60 minutes. The operation time changes according to the ambient temperature and vehicle speed.

▶ Vehicles without a navigation system or the Lexus Display Audio system

Turns the rear window and outside rear view mirror defoggers on/off

The defoggers will automatically turn off after 15 to 60 minutes. The operation time changes according to the ambient temperature and vehicle speed.

■ **Operating conditions**

▶ RX350

The "ENGINE START STOP" switch is in IGNITION ON mode.

▶ RX450h

The "POWER" switch is in ON mode.

■ **The outside rear view mirror defoggers**

Turning the rear window defogger on will turn the outside rear view mirror defoggers on.

CAUTION

■ **When the outside rear view mirror defoggers are on**

Do not touch the outside surface of the rear view mirrors, as they can become very hot and burn you.

Windshield wiper de-icer*

This feature is used to prevent ice from building up on the windshield and wiper blades.

▶ Vehicles with a navigation system

Owners of models equipped with a navigation system should refer to the "Navigation System Owner's Manual".

▶ Vehicles with the Lexus Display Audio system

STEP 1 Display the air conditioning operation screen. (→P. 412)

STEP 2

Select [wiper de-icer button] to the windshield wiper de-icer on/off

The windshield wiper de-icer will automatically turn off after approximately 15 minutes.

▶ Vehicles without a navigation system or the Lexus Display Audio system

Turns the windshield wiper de-icer on/off

The windshield wiper de-icer will automatically turn off after approximately 15 minutes.

*: If equipped

Operating conditions

▶ RX350

The “ENGINE START STOP” switch is in IGNITION ON mode.

▶ RX450h

The “POWER” switch is in ON mode.

CAUTION

When the windshield wiper de-icer is on

Do not touch the lower part of the windshield or the side of the front pillars, as the surfaces can become very hot and burn you.